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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

GUTHRIE COUNTY

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County Statistical Bulletin

No. 49

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Office of the Agricultural Statistician
305 United States Court House
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IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

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IOWA DEPARTMENT OF AGRICULTURE
Mark G. Thornburg, Secretary

* * * * *

THE WORKS PROJECTS ADMINISTRATION
George J. Keller, State Administrator

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IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

IOWA AGRICULTURAL STATISTICS - GUTHRIE COUNTY

County Statistical Bulletin No. 49

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The Year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of a historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 26, and 28.

The Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
September, 1940

IOWA AGRICULTURAL STATISTICS - GUTHRIE COUNTY

Guthrie County was at one time a part of the original county of Keokuk. It was established as a separate political unit 1/ by the Act of January 15, 1851, and named for Edwin Guthrie who was captain of the only company Iowa furnished for the Mexican War. He was fatally wounded in battle and it was through the influence of this friend, Theophilus Bryan, that his name was chosen for this county.

John Nevine made a claim in 1848 and built a cabin in what is now Jackson Township. Other settlers came during the next two years and the county was formally organized in an election called by Acting Sheriff Theophilus Bryan in 1851. The seat of government was located at Panora.

The original eastern and western boundaries of Guthrie County were six miles east of the present lines. In 1855 a town was laid out near the geographical center of the county and named Guthrie Center. In 1859 it became the county-seat, but two years later it was returned to Panora. However, in 1873 it was removed again to Guthrie Center where it has remained. The Rock Island Railroad traverses the southern part of the county, and the Chicago Milwaukee and St. Paul Railroad passes through the eastern and northern townships. 2/

Area

Guthrie County has 595 square miles and contains 380,800 acres. 3/ Of this number, 370,053 acres are listed as farm lands. 4/ There are seventeen townships. A correction line runs through the southern part of the county on the 78th parallel of latitude. It ranks 20th in size in the State.

Soils

The soils of Guthrie County are grouped into five classes according to their origin and location; namely, drift, loess, terrace, swamp and bottom-land, and residual. The drift soils comprise 43.4 per cent of the surface and are divided into Shelby loam--25.3 per cent, Carrington loam--10.7 per cent, Webster loams--6.4 per cent, Clarion loams--4.2 per cent, Dickinson fine sandy loam--0.1 per cent, and Lindley loam--1.2 per cent. The loess soils cover 34.6 per cent of the county and are divided into Tama loams--32.4 per cent, Grundy silt loam--1.3 per cent, Clinton silt loam--0.7 per cent, and Marshall silt loam--0.2 per cent. The terrace soils cover 6.2 per cent of the surface and are divided into Bremer silt loam--1.8 per cent, Waukesha silt loam--1.7 per cent, Judson silt loam--1.2 per cent, Fargo silty clay loam--0.7 per cent, O'Neill loams--0.6 per cent, and Bremer silty clay loam--0.2 per cent. The swamp and bottom-land soils cover 10.6 per cent of the surface and are divided into Wabash loams--10.5 per cent and peat and muck--0.1 per cent. The residual soil has one type, Crawford loam--0.2 per cent. 5/

1/ Third General Assembly - Sec. 17, p. 510.

2/ Gue, R. P., History of Iowa, The Century History Co., New York City, 1903, Vol. III, p. 351-352.

3/ Fifteenth Census of the U.S., 1930, Populations, Vol. 1, pp. 362-363.

4/ U.S. Census of Agriculture, Iowa, 1935, p. 13.

5/ Soil Survey of Iowa, Guthrie County, Report #75, pp. 13-14. Agricultural Experiment Station, Ames, Iowa, March, 1935.

Topography

Topographically, Guthrie County is divided into two parts, the dividing line following the east bank of the Middle Raccoon River. The area northeast of the river is generally smooth with low rounded swells or elongated ridges. Between the swells there are broad, flat, originally marshy areas in which are found small ponds or saucer-like depressions. Mosquito and Bays Branch meander sluggishly over wide basins with indefinite channels. Near the river the slopes are steep and the valleys have been cut for short distances into the uplands. Southwest of the Middle Raccoon River the surface conditions are entirely different; there erosion has been very active and the entire area has been thoroughly cut by streams. The larger streams and their tributaries furnish adequate drainage for that part of the county. The slopes are steep or abrupt near the larger streams and more gentle along the smaller rivers and streams. The general surface varies from undulating to strongly rolling and is quite rough and steep in some sections.

The drainage of the county is accomplished by the various tributaries of the Raccoon River which drain into the Mississippi system. In the southwestern corner of the county a few small streams drain into the Missouri system. 6/

Climate

The 36 year (1895-1930) average temperature of the county was 48.9 degrees. The average precipitation for 36 years (1895-1930) was 31.68 inches and the mean growing season between the killing frost dates of May 4 and October 4 was 153 days for 37 years (1894-1930). 7/

Population

Guthrie County was a typical Iowa County which went through all the stages of early pioneer settlement. Only 299 persons were listed in 1852 but the population gradually increased with the natural expansion and development of the State. There are 28 persons per square mile in this county compared with the State density of 44. The following table shows the ten year comparative enumerations:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1860	3,058	-	-
1870	7,061	-	-
1880	14,394	-	-
1890	17,380	-	-
1900	18,729	6,075	12,654
1910	17,374	7,039	10,325
1920	17,596 8/	7,728 9/	9,858
1930	17,324 10/	7,509	9,815
1935	-	-	9,901 11/

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- 6/ Ibid., pp. 10-11.
7/ Climatic Summary of the U.S., Central Iowa, #51, pp. 12-18-19.
8/ Census of Iowa, 1925, pp. 710-711.
9/ Ibid., 925 et seq.
10/ Iowa Official Register, 1937-1938, p. 368 et seq.
11/ U.S. Census of Agriculture, 1935, Iowa, p. 13.

A very small part of the population of Casey and Stuart is in Adair County and is not considered in the totals just mentioned.

In 1930 the foreign born and native white of foreign born and mixed parentage content of Guthrie County was 2,372, or 13 per cent of the total. Those of German descent led with 913 and the Danes came next with 464. Other nationalities had very small representations. 12/

Cooperatives

In 1937 there were six cooperative institutions in operation in this county--three elevators, one creamery, one livestock enterprise, and one lumber yard.

As a whole, they had 1,146 members, of whom 705 were active, and 2,250 persons did business with the six concerns. The selling cooperatives had a business volume of \$776,126 and the purchasing cooperatives did \$37,337 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 13/

Fruit

In 1934 Guthrie County had 12,243 apple trees bearing 5,337 bushels, 2,513 peach trees with 1,073 bushels, 3113 plum trees producing 704 bushels, 4,074 cherry trees bearing 1,314 bushels, and 8,625 grape vines producing 41,387 pounds of grapes. There has been considerable variation in the various years; to illustrate, there were 12,329 apple trees in 1874, 63,045 trees in 1884, 35,972 trees in 1894 and 90,019 trees in 1909. Other fruit tree listings and the grape vines show equally variable conditions. 14/

12/ Fifteenth Census of the U.S., 1930, Populations, Vol. III, Part 1,
Tables 18-19, pp. 785-786-787-788.

13/ Unpublished data from: Omaha Farm Credit Administration and Iowa State
College.

14/ Federal Census, 1910-1935.

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the state assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years then, are somewhat high since they are based on acreage not husked for grain and bushels husked, only. The total corn acreage is shown by township with this yield and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2271	367228	162	117751	37	58056	31	2070	19	3927	22
1930	2338	367311	157	122823	28	60018	34	2109	20	3067	27
1931	2339	368569	158	129871	41	60514	36	1989	20	3018	29
1932	2325	365675	157	127708	43	59921	31	1061	15	4138	18
1933	2329	366415	157	123873	42	59903	13	1472	14	3960	9
1934	2341	367947	157	98877	5	40564	7	2639	6	1705	7
1935	2296	366090	159	106166	36	66614	30	2335	11	2605	19
1936	2341	367262	157	116522	15	56835	27	2521	20	1761	19
1937	2341	366212	156	119602	42	59142	44	6693	21	1425	29
1938	2345	366734	156	111930	40	60380	33	5006	14	1462	24
10 Yr.Ave.	2327	366944	158	117512	34	58195	29	2790	17	2707	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	149	16	23	23	3450	2975	44	2938	32179
1930	77	12	13	19	3240	1434	15	3132	29902
1931	112	20	114	16	5885	284	44	3623	20660
1932	102	12	184	16	3182	1244	148	3979	26172
1933	90	12	288	20	1050	2215	106	4522	33328
1934	266	6	575	5	474	184	43	4904	27105
1935	1647	14	1855	15	5810	40	87	4825	22146
1936	1428	13	1166	14	2563	195	34	6615	26027
1937	3319	16	1194	18	3029	429	94	7260	21356
1938	954	12	2065	19	1977	1127	514	7617	23152
10 Yr.Ave.	814	14	748	16	3060	1013	113	4942	26203

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	1406	125849	527	15238	1914	4019	626
1930	1136	120698	432	16389	4030	3103	259
1931	1230	121480	385	15921	3123	4070	153
1932	1022	116927	524	16548	3172	4641	225
1933	1256	112402	1115	17114	3562	4577	2319
1934	1092	142789	1005	17679	1959	5291	25884
1935	1069	125004	2018	17601	2361	6066	2706
1936	1075	125765	1901	17913	1425	6398	3928
1937	928	120020	1238	17631	1262	5731	3548
1938	900	125156	1828	18789	2011	5525	5085
10 Yr.Ave.	1111	123609	1097	17082	2482	4942	4473

10 Yr. Ave. Acres - Spring Wheat 215
Popcorn 35 Flaxseed 26
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	13794	1.97	2938	3.40	1406	1.42	32179	2.21
1930	14393	1.33	3132	2.41	1136	1.50	29902	1.49
1931	6430	1.28	3623	2.04	1230	1.67	20660	1.26
1932	9280	1.30	3979	2.50	1022	1.34	26172	1.44
1933	24606	.77	4522	2.41	1256	1.17	33328	.99
1934	12359	.23	4904	1.60	1092	1.03	27105	.55
1935	6050	1.10	4825	1.76	1069	1.77	22146	1.10
1936	13045	1.00	6615	1.85	1075	1.44	26027	1.26
1937	6980	1.03	7260	1.81	928	.85	21356	1.43
1938	6973	1.50	7617	2.10	900	1.00	23152	1.62
10 Yr.Ave.	11391	1.10	4942	2.09	1111	1.34	26203	1.35

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

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Baker Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	142	22813	161	6210	36	2648	26	25	14	224	29
1930	145	22165	153	6267	28	2348	30	20	21	84	28
1931	139	22982	165	6968	41	3014	33	5	15	261	22
1932	136	22937	169	6828	42	2784	28	19	19	386	20
1933	136	22592	166	5911	38	2416	11	21	12	450	8
1934	139	22202	160	4666	6	2447	6	154	7	160	6
1935	136	21613	159	4961	32	2835	26	82	11	163	23
1936	134	21630	161	5450	13	2460	23	107	13	119	20
1937	132	21680	164	5754	38	2763	39	259	21	149	28
1938	131	22034	168	5238	34	2831	28	355	15	141	23
10 Yr. Ave.	137	22265	162	5825	34	2705	26	105	16	214	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	684	144	-	72	2087
1930	-	-	-	-	757	8	-	85	1534
1931	-	-	-	-	1039	-	-	85	1033
1932	-	-	-	-	698	380	-	220	2031
1933	2	3	-	-	230	238	-	217	2619
1934	-	-	-	-	63	52	26	292	1714
1935	76	15	51	16	686	4	20	263	1481
1936	130	11	27	9	492	54	3	304	1279
1937	239	15	7	5	526	-	9	423	1056
1938	85	11	7	13	366	127	64	440	1235
10 Yr. Ave.	53	13	9	13	554	101	12	240	1607

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber Only Acres	Waste-land Acres	Idle Crop Land Acres
1929	162	10000	19	674	40	40	-
1930	127	8671	10	861	627	359	-
1931	155	9560	9	863	75	-	-
1932	46	7823	51	886	539	805	41
1933	43	8347	92	928	746	513	274
1934	114	9414	43	1075	181	1185	960
1935	120	8778	39	1017	40	1037	227
1936	175	9054	33	1019	59	1148	75
1937	38	8002	10	1084	79	1503	202
1938	81	9051	4	1003	32	1246	295
10 Yr. Ave.	106	8870	31	941	242	784	207

10 Yr. Ave. Acres - Spring Wheat 12 *Included in "All Tame Hay."

Popcorn 1 Flaxseed .5 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Bear Grove Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	132	22560	171	7389	40	2846	30	71	18	354	29
1930	134	22560	168	7370	37	3540	35	53	20	373	30
1931	132	22151	168	7695	44	3114	37	26	22	362	32
1932	135	22695	168	7709	46	3458	28	15	20	597	15
1933	134	22466	168	6994	45	3496	11	71	19	470	7
1934	127	22195	175	5706	10	2344	10	308	8	294	6
1935	116	22118	191	5906	41	4148	29	230	8	292	19
1936	119	22328	188	6787	14	3743	23	250	16	269	17
1937	134	22351	167	6889	37	3411	43	780	22	135	32
1938	123	22429	182	6249	34	3768	33	357	12	152	36
10 Yr. Ave.	129	22385	174	6869	38	3387	28	216	16	330	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	802	107	-	183	1958
1930	19	13	-	-	855	71	-	212	1890
1931	5	12	9	16	1302	42	24	257	982
1932	-	-	-	-	893	-	-	259	1389
1933	26	5	-	-	395	88	-	355	2497
1934	-	-	-	-	219	64	2	383	2498
1935	95	16	33	13	1371	-	-	344	1114
1936	94	16	49	15	873	16	-	354	1428
1937	420	17	12	17	690	89	-	465	1441
1938	75	14	87	16	483	104	34	601	1568
10 Yr. Ave.	73	16	19	15	788	58	6	341	1676

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	136	6785	46	1072	300	801	-
1930	95	5812	57	1275	639	582	-
1931	110	6308	23	954	487	750	-
1932	99	6505	93	1027	369	541	-
1933	104	5942	208	1165	401	402	295
1934	168	7618	68	1108	340	3	1519
1935	73	7147	94	1194	133	288	-
1936	116	6820	-	1121	189	438	151
1937	101	6344	13	1085	265	492	273
1938	54	7464	10	1234	80	350	464
10 Yr. Ave.	106	6674	61	1124	320	465	270

10 Yr. Ave. Acres Spring Wheat 6

Popcorn 0 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

11

Beaver Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	165	25996	158	7700	34	3566	30	300	19	388	27
1930	177	25994	147	8161	29	3502	35	196	19	393	30
1931	170	26025	153	8793	42	3717	35	110	19	425	35
1932	169	25935	153	8334	45	3431	31	70	22	530	19
1933	180	26001	144	8320	42	3193	14	59	20	314	11
1934	186	26371	142	6896	2	1251	5	208	4	62	6
1935	177	26115	148	7042	38	3776	27	211	12	82	17
1936	185	26133	141	7813	13	2562	22	158	18	17	5
1937	177	26187	148	7638	46	3486	42	434	19	21	22
1938	177	25931	146	7270	39	3948	29	266	14	75	19
10 Yr. Ave.	176	26069	148	7797	37	3243	29	201	16	231	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	41	17	20	25	50	524	15	178	3026
1930	-	-	-	-	59	545	-	232	2538
1931	20	22	-	-	256	100	-	231	1828
1932	22	13	54	19	77	261	66	285	2523
1933	10	26	100	27	-	237	13	276	2858
1934	23	7	269	5	-	-	15	183	1151
1935	148	13	377	19	189	-	-	335	1937
1936	92	15	311	15	100	-	-	607	2370
1937	145	20	161	22	141	32	6	476	1563
1938	61	15	288	21	40	27	28	470	1447
10 Yr. Ave.	56	16	158	17	89	173	14	327	2104

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	34	10033	5	810	-	-	-
1930	30	10217	1	897	-	-	-
1931	28	10026	23	809	-	10	-
1932	57	10182	7	802	-	-	-
1933	70	10013	9	921	5	11	105
1934	21	15396	6	909	-	-	164
1935	27	11132	126	908	-	-	160
1936	34	11131	75	1204	-	140	126
1937	27	11142	30	1191	-	138	64
1938	17	10734	80	1496	-	159	22
10 Yr. Ave.	32	11001	36	996	.5	46	64

10 Yr. Ave. Acres - Spring Wheat 7

*Included in "All Tame Hay".

Flaxseed 0 Popcorn 2

(Acreages also shown in "All Other Crops")

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS

Cass Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	231	31012	134	12538	41	6084	35	186	20	52	24
1930	252	30297	120	12260	26	5965	37	189	18	29	35
1931	232	31509	136	13443	43	5918	40	202	17	7	29
1932	231	30792	133	13264	44	6154	36	116	17	15	15
1933	228	32301	142	13309	40	6290	14	146	13	27	6
1934	233	32741	141	10659	6	4053	6	75	2	-	-
1935	235	33189	141	11334	34	7397	36	193	9	49	18
1936	235	32685	139	12494	17	6360	36	136	24	12	19
1937	247	32109	130	12610	49	6294	49	321	21	6	15
1938	247	31924	129	12140	44	6200	34	210	18	10	30
10 Yr. Ave.	237	31856	134	12405	38	6072	33	177	17	21	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	727	-	410	2431
1930	-	-	-	-	-	117	-	419	2385
1931	-	-	-	-	32	25	-	387	1719
1932	-	-	49	14	-	131	-	428	1856
1933	3	8	31	15	-	435	1	466	2387
1934	-	-	10	4	-	38	-	526	2725
1935	69	20	188	13	33	-	-	506	2116
1936	108	18	122	14	5	-	-	720	2347
1937	166	23	182	14	29	56	-	791	1876
1938	73	16	318	16	-	98	44	780	1862
10 Yr. Ave.	42	20	90	15	10	163	4	543	2170

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	74	7950	7	1602	88	-	-
1930	90	7746	20	1582	10	21	-
1931	96	8391	9	1405	77	210	-
1932	100	7609	17	1576	-	36	-
1933	110	7526	61	1777	113	399	121
1934	74	9409	46	1986	231	280	3193
1935	82	8306	170	2101	60	401	190
1936	74	8285	25	2092	50	242	333
1937	77	8623	-	1665	90	8	162
1938	92	8305	72	1701	489	208	200
10 Yr. Ave.	87	8265	43	1749	121	180	420

10 Yr. Ave. Acres - Spring Wheat 3

*Included in "All Tame Hay".

Popcorn .1 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

13

Dodge Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	143	22863	160	9706	40	5337	39	25	18	270	11
1930	143	22861	160	10167	23	5651	39	14	15	35	46
1931	141	22136	157	10214	40	5434	39	-	-	19	39
1932	130	21722	167	10109	45	5281	38	-	-	8	19
1933	141	21741	154	9700	50	5418	15	-	-	35	17
1934	136	22002	162	7998	15	4803	7	19	6	28	7
1935	137	22262	162	8437	38	5749	34	-	-	30	21
1936	139	21515	155	9262	20	4987	34	-	-	35	26
1937	146	22343	153	9931	47	5273	43	71	21	-	-
1938	143	21356	153	9421	43	5124	41	100	13	32	27
10 Yr. Ave.	140	22130	158	9494	38	5306	34	23	16	49	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	152	1238
1930	-	-	-	-	-	-	15	204	1435
1931	-	-	-	-	-	-	-	122	826
1932	-	-	-	-	20	-	72	176	895
1933	-	-	-	-	-	-	35	261	1163
1934	-	-	6	8	-	-	-	330	1211
1935	30	25	338	15	-	-	-	227	976
1936	10	18	-	-	-	17	-	463	1228
1937	48	14	-	-	-	4	-	558	1353
1938	-	-	-	-	-	-	-	428	1154
10 Yr. Ave.	9	18	34	15	2	2	12	292	1148

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	30	5128	8	1073	-	48	-
1930	45	4314	10	1160	10	5	-
1931	38	4491	20	1015	40	39	-
1932	26	4152	13	1068	40	38	-
1933	32	4118	14	1161	40	25	-
1934	21	4929	4	953	118	20	1392
1935	39	5493	67	1036	5	62	-
1936	23	5171	188	608	-	3	-
1937	43	4649	53	884	-	-	28
1938	18	4342	425	1240	-	-	-
10 Yr. Ave.	32	4679	81	1020	25	24	192

10 Yr. Ave. Acres - Spring Wheat 3

Flaxseed 0 Popcorn 4

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Grant Township

Grant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	141	25338	180	8475	37	4150	28	70	15	395	22
1930	140	24955	178	8932	37	4191	31	95	19	261	27
1931	138	25379	184	9519	40	4062	32	207	20	166	30
1932	145	24903	172	9049	45	4146	28	110	14	353	21
1933	139	24956	180	8826	46	4113	13	134	11	339	10
1934	140	24333	174	6806	9	3383	10	316	11	161	10
1935	141	25011	177	7101	39	4534	31	318	13	195	19
1936	138	25915	188	8339	12	3544	18	431	14	69	14
1937	138	25939	188	8460	36	3870	43	925	17	60	37
1938	139	25895	186	8087	25	4268	29	591	12	101	25
10 Yr. Ave.	140	25262	181	8359	35	4026	27	320	15	210	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	15	12	3	12	939	256	-	109	2681
1930	40	12	4	25	838	232	-	124	2436
1931	26	17	16	21	1413	-	-	181	1631
1932	32	13	32	10	532	98	-	195	2638
1933	24	18	24	22	115	45	-	196	3304
1934	81	9	59	5	74	19	-	325	2696
1935	274	12	81	17	1434	2	-	294	2206
1936	341	12	152	11	307	3	-	361	2871
1937	632	15	186	16	521	91	4	441	2278
1938	78	14	144	15	362	23	5	601	2282
10 Yr. Ave.	154	13	70	14	654	77	1	283	2522

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	126	6597	15	1464	-	308	100
1930	96	6372	1	1533	14	122	20
1931	125	6367	4	1570	5	238	30
1932	97	6251	7	1486	-	170	-
1933	114	6340	11	1400	5	134	73
1934	71	7005	5	1377	3	106	1990
1935	77	7030	42	1517	9	148	45
1936	86	7087	86	1478	39	279	806
1937	56	6693	258	1463	40	260	233
1938	55	6995	384	1523	9	376	635
10 Yr. Ave.	90	6674	81	1481	12	214	393

10 Yr. Ave. Acres - Spring Wheat 9

Popcorn 5 Flaxseed 1
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

15

Highland Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	132	21532	163	8178	36	3841	31	43	27	221	23
1930	132	22624	171	8460	23	4363	36	37	32	139	30
1931	132	22319	169	9030	38	3962	37	9	34	223	27
1932	132	22279	169	8743	42	4049	24	10	12	50	27
1933	138	22137	160	8648	41	3905	10	33	16	136	7
1934	135	22219	165	6710	12	3685	5	83	7	83	7
1935	138	22800	165	7663	31	4713	29	51	10	201	24
1936	142	22530	159	7984	15	4148	28	27	28	52	28
1937	139	22742	164	8329	30	4289	45	214	25	99	30
1938	141	22456	159	7572	43	4292	37	198	15	193	24
10 Yr. Ave.	136	22462	165	8152	32	4225	28	70	19	140	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	8	24	-	-	16	80	-	294	1491
1930	-	-	-	-	-	2	-	315	1674
1931	-	-	-	-	45	-	-	336	1121
1932	11	8	-	-	12	-	-	357	1284
1933	1	4	-	-	-	-	-	405	1628
1934	10	8	-	-	-	-	-	434	1538
1935	60	18	-	-	6	-	-	377	1168
1936	42	13	-	-	-	-	-	398	1415
1937	88	18	-	-	-	-	-	520	1287
1938	49	11	60	18	-	-	-	537	1178
10 Yr. Ave.	27	15	6	18	8	8	0	407	1378

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	156	6151	49	1065	-	313	-
1930	118	6575	7	1010	50	140	51
1931	99	6254	6	1057	126	355	32
1932	109	6284	14	1048	13	628	24
1933	142	5921	57	998	-	602	66
1934	117	6690	61	1064	246	428	1504
1935	130	7167	112	1076	6	357	90
1936	78	6936	-	1078	29	429	312
1937	67	6490	13	1055	-	313	498
1938	69	6951	59	1077	-	422	316
10 Yr. Ave.	108	6542	38	1053	47	399	289

10 Yr. Ave. Acres - Spring Wheat 8

Flaxseed 6 Popcorn 12

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

Jackson Township

JACKSON TOWNSHIP											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	145	21206	146	5508	33	2772	25	351	20	76	20
1930	146	20831	143	5935	27	2714	32	283	18	97	30
1931	145	21326	147	6004	40	2901	34	266	21	118	33
1932	144	20814	145	6296	39	2646	30	168	14	242	20
1933	137	20792	152	6176	35	2684	14	227	12	187	13
1934	139	20661	149	4485	8	536	2	84	3	-	-
1935	141	20844	148	5024	32	3124	26	202	14	34	18
1936	140	20615	147	5801	12	2700	26	266	26	-	-
1937	137	20960	153	5682	35	2664	41	660	20	14	25
1938	135	20832	154	5483	39	2638	33	673	15	26	26
10 Yr. Ave.	141	20888	148	5649	33	2538	28	318	18	79	22
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	18	338	-	100	1471		
1930	-	-	-	-	43	170	-	118	1376		
1931	10	25	-	-	87	47	-	207	1199		
1932	8	20	-	-	35	97	-	231	1325		
1933	-	-	15	10	30	171	-	299	1642		
1934	-	-	35	3	-	-	-	192	911		
1935	130	11	132	15	41	-	-	288	1207		
1936	21	18	61	13	-	4	-	303	1046		
1937	83	16	80	13	6	-	-	388	943		
1938	45	10	158	20	30	10	-	341	962		
10 Yr. Ave.	30	13	48	15	29	84	0	247	1208		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	20	9978	31	970	11	-	-				
1930	7	9369	25	942	-	40	-				
1931	10	9734	16	955	-	20	-				
1932	16	9105	12	961	-	-	-				
1933	14	8695	31	976	17	13	85				
1934	5	13513	-	1040	11	-	41				
1935	29	9785	58	839	8	-	231				
1936	11	9714	-	940	-	15	40				
1937	5	9439	6	991	-	-	387				
1938	9	9699	65	930	-	-	114				
10 Yr. Ave.	13	9903	24	954	5	9	90				

10 Yr. Ave. Acres - Spring Wheat

10

*Included in "All Tame Hay".

Popcorn 0 Flaxseed 2

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics

TABLE 11
LAND UTILIZATION AND YIELDS

17

Orange Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	108	22592	209	6663	40	3490	27	27	22	562	27
1930	116	22929	198	7022	25	3317	30	20	14	630	28
1931	118	22877	194	7440	38	3744	32	34	22	337	30
1932	112	22204	198	7250	39	3789	28	27	14	555	16
1933	110	22193	202	7465	42	3518	10	4	6	441	8
1934	110	21848	199	5452	19	2552	9	23	10	415	10
1935	110	22165	202	6015	33	3905	25	21	7	560	20
1936	107	22347	209	6297	15	3543	22	75	16	379	21
1937	111	21897	197	6434	40	3461	42	224	23	126	27
1938	110	22105	201	5641	44	3426	32	108	13	190	25
10 Yr. Ave.	111	22316	201	6568	35	3474	26	56	18	420	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	85	15	-	-	-	-	-	413	1918
1930	18	11	-	-	-	-	-	367	1880
1931	10	15	-	-	8	-	-	481	1420
1932	17	11	-	-	38	39	10	498	1495
1933	-	-	-	-	50	60	50	459	1422
1934	4	4	-	-	12	-	-	359	778
1935	21	10	12	13	110	-	-	376	1023
1936	119	9	5	8	35	-	6	512	1575
1937	248	14	10	25	23	10	-	415	1145
1938	66	11	46	15	34	294	91	522	1453
10 Yr. Ave.	59	12	7	16	51	40	16	440	1411

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	64	8590	31	865	135	33	129
1930	32	8788	26	880	154	87	45
1931	49	8328	60	808	261	331	47
1932	9	7691	91	968	60	141	63
1933	48	6834	232	932	223	382	592
1934	52	7559	157	1005	94	765	2980
1935	17	7540	297	1075	-	927	642
1936	25	7971	85	1022	8	714	488
1937	28	7818	108	891	4	796	581
1938	8	7703	171	885	15	968	1300
10 Yr. Ave.	36	7882	126	933	95	514	687

10 Yr. Ave. Acres - Spring Wheat 49

Flaxseed 1 Popcorn 1

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Penn Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	73	12513	171	2715	32	1075	25	193	19	139	15
1930	80	12614	158	2843	28	1078	34	271	21	71	18
1931	87	12122	139	2998	38	1095	33	279	20	69	28
1932	89	12103	136	3275	41	1108	32	117	12	118	15
1933	94	12435	132	3006	37	892	12	130	12	145	5
1934	91	12334	136	2450	-	157	2	108	2	-	-
1935	91	12097	133	2570	34	1169	28	154	13	124	18
1936	89	12189	137	2925	11	1129	22	202	19	29	10
1937	89	12169	137	2831	30	1047	40	439	16	60	29
1938	89	12741	143	2713	35	1140	30	394	14	-	-
10 Yr. Ave.	87	12332	141	2833	32	989	28	229	16	76	16

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	92	-	90	834
1930	-	-	-	-	-	-	-	97	860
1931	9	10	-	-	52	-	-	118	632
1932	7	6	25	19	27	-	-	67	610
1933	9	8	34	17	12	5	-	109	1233
1934	-	-	26	3	-	-	-	175	760
1935	91	14	115	12	45	-	-	147	664
1936	47	15	23	12	5	-	-	176	813
1937	73	17	28	11	-	-	-	177	455
1938	43	10	88	16	10	-	4	124	795
10 Yr. Ave.	28	15	34	13	15	10	.4	128	766

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	3	5961	75	480	38	1000	-
1930	9	5985	1	476	186	794	40
1931	13	5355	47	484	18	1046	25
1932	12	4628	14	503	642	993	24
1933	15	4887	49	496	444	1061	22
1934	12	5908	100	490	117	986	1220
1935	10	4931	145	484	425	932	232
1936	3	5231	95	476	10	946	255
1937	12	5413	183	476	15	990	147
1938	17	6291	89	459	100	465	133
10 Yr. Ave.	11	5459	80	482	200	921	210

10 Yr. Ave. Acres - Spring Wheat 1 *Included in "All Tame Hay".Popcorn 0 Flaxseed 1 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

19

Richland Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	129	22138	172	9475	43	5323	37	-	-	101	21
1930	132	22253	168	9956	24	5559	40	14	27	-	-
1931	129	21774	169	10229	46	5138	40	24	30	14	20
1932	131	21736	166	10483	49	5226	38	20	15	20	22
1933	131	21787	166	10079	52	5563	19	20	13	111	22
1934	132	22317	169	8187	12	5027	9	31	12	-	-
1935	129	22036	171	8759	39	6101	37	-	-	-	-
1936	140	22252	159	9621	23	5263	35	-	-	-	-
1937	130	21929	169	10101	55	4857	50	-	-	22	34
1938	138	22634	164	9512	52	4918	40	-	-	23	15
10 Yr. Ave.	132	22086	167	9640	41	5298	34	11	19	29	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	3	-	-	180	1136
1930	-	-	-	-	-	-	-	149	1098
1931	-	-	-	-	20	-	-	177	706
1932	-	-	-	-	-	-	-	180	612
1933	-	-	3	16	-	60	-	196	732
1934	12	10	48	10	-	-	-	223	1146
1935	15	5	232	17	-	-	-	287	988
1936	3	33	189	14	-	16	12	345	1152
1937	18	20	254	20	-	62	40	435	1038
1938	-	-	411	24	-	-	92	364	1323
10 Yr. Ave.	5	13	119	19	2	14	14	254	993

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	250	4555	8	977	-	310	-
1930	138	4090	12	1012	33	341	-
1931	135	4208	10	975	-	315	-
1932	122	3918	8	1037	-	290	-
1933	145	3802	10	1042	-	276	4
1934	124	4595	2	1042	50	390	1663
1935	97	4454	10	881	-	368	81
1936	107	4078	16	1062	-	386	363
1937	103	4062	2	1076	-	299	57
1938	116	4479	18	1091	-	409	242
10 Yr. Ave.	134	4224	10	1020	8	338	241

10 Yr. Ave. Acres - Spring Wheat 6

Flaxseed 0 Popcorn 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Seeley Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	129	24004	186	7286	37	3892	30	139	19	209	19
1930	140	23991	171	8096	30	4022	32	208	22	100	21
1931	149	24367	164	8374	39	4309	35	86	19	154	22
1932	140	23916	171	7801	42	3858	32	101	16	255	17
1933	140	23450	168	7627	41	3876	12	186	17	297	8
1934	141	23728	168	6182	8	2490	7	446	6	153	5
1935	131	23502	179	7118	34	4247	28	239	12	205	21
1936	130	23343	180	7789	14	3564	28	279	25	250	18
1937	128	23852	179	7519	43	4114	46	794	25	148	26
1938	133	23520	177	7233	43	4142	34	712	16	124	23
10 Yr. Ave.	136	23667	174	7502	36	3851	29	319	18	190	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	165	55	-	148	2709
1930	-	-	-	-	125	-	-	125	2301
1931	10	17	26	11	25	-	-	126	1736
1932	-	-	-	-	-	-	-	168	2017
1933	8	8	-	-	131	456	5	205	2732
1934	10	5	16	7	72	-	-	232	2792
1935	126	16	62	7	639	-	20	191	1048
1936	143	13	42	11	357	118	13	218	1228
1937	341	16	33	20	429	30	22	334	1055
1938	76	17	55	19	302	93	94	359	1372
10 Yr. Ave.	71	15	23	13	224	65	15	211	1899

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	158	8283	33	480	39	552	59
1930	176	7458	14	900	569	20	2
1931	184	7833	12	907	603	108	-
1932	188	8997	6	693	-	-	-
1933	213	6660	53	1175	353	120	14
1934	162	7045	320	1253	86	338	2363
1935	187	7128	383	1240	75	693	92
1936	179	6481	944	1325	-	647	102
1937	177	6129	192	1267	10	473	149
1938	189	7000	115	1303	60	210	533
10 Yr. Ave.	181	7301	207	1054	180	316	331

10 Yr. Ave. Acres - Spring Wheat 8

*Included in "All Tame Hay".

Popcorn 2 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

21

Stuart Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	49	5860	120	1694	37	609	33	47	20	7	21
1930	46	5861	127	1660	33	838	40	75	19	27	31
1931	48	5851	122	1824	46	683	31	68	18	143	24
1932	44	5911	134	1808	49	713	37	39	17	158	13
1933	48	6092	127	1737	41	625	14	15	13	61	6
1934	48	5878	122	1504	2	56	7	40	1	-	-
1935	49	5848	119	1596	39	640	30	32	15	81	13
1936	52	5858	113	1824	15	665	23	21	35	10	19
1937	54	5888	109	1776	52	668	49	177	18	24	24
1938	47	5836	124	1622	40	686	35	92	19	13	17
10 Yr. Ave.	48	5888	121	1704	39	618	33	61	17	52	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	46	38	5	89	758
1930	-	-	7	19	-	-	-	120	504
1931	3	35	47	18	30	-	-	60	341
1932	-	-	24	20	9	-	-	82	510
1933	-	-	64	17	-	-	-	67	657
1934	-	-	44	7	-	-	-	67	319
1935	78	12	6	12	-	-	-	84	481
1936	36	12	107	13	-	-	-	93	475
1937	43	19	121	25	-	-	-	81	411
1938	22	16	214	25	-	23	-	114	446
10 Yr. Ave.	18	14	63	20	8	6	.5	86	490

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	24	2340	7	306	-	8	9
1930	30	2392	5	319	-	4	-
1931	15	2376	1	318	-	2	-
1932	28	2314	5	303	-	-	-
1933	11	2535	10	323	-	4	-
1934	11	3369	55	390	-	60	30
1935	25	2385	99	344	-	12	69
1936	17	2231	59	353	-	-	60
1937	3	2257	31	352	-	25	-
1938	17	2239	53	347	-	-	85
10 Yr. Ave.	18	2449	32	336	0	12	25

10 Yr. Ave. Acres - Spring Wheat 2
Flaxseed 0 Popcorn .2
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 16
LAND UTILIZATION AND YIELDS

Thompson Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	138	24308	176	6542	33	3356	27	208	18	96	24
1930	142	24219	171	6685	33	2921	33	151	20	137	19
1931	146	24253	166	7015	40	3030	35	99	15	95	27
1932	145	24300	168	7022	43	3367	29	33	12	79	20
1933	144	24339	169	7042	42	3481	13	38	13	44	11
1934	145	24355	168	5356	5	2057	6	134	7	58	1
1935	141	24351	173	5961	38	3337	29	63	8	95	13
1936	157	24744	158	6880	15	3231	18	11	15	52	12
1937	154	24640	160	7044	32	3050	42	283	19	32	39
1938	154	24715	160	6386	31	3564	32	49	11	4	15
10 Yr. Ave.	147	24422	167	6593	34	3139	27	107	16	69	18

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	427	98	10	157	2624
1930	-	-	-	-	180	86	-	127	2299
1931	-	-	-	-	734	25	20	165	1552
1932	-	-	-	-	451	160	-	180	2199
1933	-	-	-	-	72	20	-	173	2629
1934	14	8	52	2	23	-	-	244	1326
1935	125	18	97	13	666	-	-	239	1971
1936	112	13	40	11	87	17	-	406	2314
1937	426	13	71	13	394	17	13	407	1780
1938	163	7	145	16	194	78	23	408	1829
10 Yr. Ave.	84	12	40	12	323	50	7	251	2052

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	70	8973	-	921	881	200	-
1930	52	9110	4	998	1518	158	6
1931	53	9177	16	1000	1179	283	-
1932	45	8797	40	1157	900	182	28
1933	53	8787	101	1150	658	266	18
1934	63	13053	44	1157	22	132	834
1935	55	9774	75	1248	134	283	467
1936	56	9777	208	1193	64	173	546
1937	53	9223	249	1232	363	247	130
1938	44	9936	156	1270	195	394	365
10 Yr. Ave.	54	9661	89	1133	591	232	247

10 Yr. Ave. Acres - Spring Wheat 32

Flaxseed 4 Popcorn 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 17
LAND UTILIZATION AND YIELDS

23

Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	103	22393	217	5850	35	3007	26	164	17	440	15
1930	97	22679	234	6153	28	3052	31	252	23	430	25
1931	108	22904	212	6772	37	3313	34	271	20	395	30
1932	97	22653	234	6803	42	3161	29	19	9	399	19
1933	103	22828	222	6451	38	3685	9	69	13	438	8
1934	103	22354	217	4990	12	2757	8	230	6	201	5
1935	104	21212	204	5336	37	3716	25	146	13	309	17
1936	105	21647	206	5398	17	2799	22	146	20	305	18
1937	100	21675	217	5917	41	3052	41	346	20	286	32
1938	104	21513	207	5693	42	3085	30	325	10	282	21
10 Yr. Ave.	102	22186	217	5936	35	3163	25	197	16	348	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	293	374	4	156	1884
1930	-	-	2	5	383	203	-	217	1829
1931	19	27	16	11	807	45	-	255	836
1932	-	-	-	-	370	58	-	245	1303
1933	-	-	-	-	15	367	2	268	1916
1934	95	4	10	4	11	11	-	299	1261
1935	223	14	33	7	508	34	-	282	865
1936	69	14	-	-	186	40	-	340	1593
1937	178	16	-	-	203	28	-	443	1300
1938	63	8	13	7	100	224	17	548	1390
10 Yr. Ave.	65	13	7	7	288	138	2	305	1418

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	84	9180	61	848	142	107	329
1930	29	9536	26	793	43	56	95
1931	72	9396	35	805	20	128	19
1932	52	9358	129	860	60	124	15
1933	68	8734	70	786	266	112	216
1934	47	11069	55	859	34	14	721
1935	56	7851	179	775	1056	58	101
1936	31	9287	44	860	671	188	70
1937	65	8667	32	887	381	142	219
1938	63	8248	35	898	1031	98	172
10 Yr. Ave.	57	9133	67	837	370	103	196

10 Yr. Ave. Acres - Spring Wheat 7

*Included in "All Tame Hay".

Popcorn 5 Flaxseed 9

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 18
LAND UTILIZATION AND YIELDS

Valley Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	120	19138	159	5424	32	2804	24	10	30	226	18
1930	120	19086	159	5649	23	3028	28	-	-	129	26
1931	132	19074	144	6171	42	3354	30	100	20	111	22
1932	125	19325	155	5895	37	3253	26	30	20	270	18
1933	130	19186	148	5400	32	3273	10	161	19	364	10
1934	125	19685	157	4742	5	223	5	84	5	32	2
1935	128	19508	152	5236	33	3014	25	206	8	93	18
1936	127	19654	155	5385	12	2439	24	225	20	78	17
1937	123	18240	153	5880	40	3040	37	488	22	128	22
1938	124	18796	152	5402	34	2821	27	347	17	62	20
10 Yr. Ave.	125	19229	153	5518	32	2725	26	165	18	149	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	-	-	-	-	-	-	10	89	1843
1930	-	-	-	-	-	-	-	60	1830
1931	-	-	-	-	55	-	-	155	1631
1932	5	20	-	-	-	-	-	187	1697
1933	7	14	17	13	-	-	-	283	2228
1934	-	-	-	-	-	-	-	331	2281
1935	22	15	-	-	40	-	38	295	1541
1936	12	7	-	-	38	-	-	369	1350
1937	97	14	-	-	-	-	-	359	1159
1938	40	7	31	15	37	-	-	460	1408
10 Yr. Ave.	18	12	5	14	17	0	5	259	1697

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	7501	74	786	240	220	-
1930	-	6955	146	881	165	303	-
1931	5	6224	55	1023	185	160	-
1932	20	5824	15	1162	500	624	30
1933	42	6057	83	1015	291	243	-
1934	-	6878	10	943	426	512	3554
1935	8	7295	110	916	410	500	79
1936	14	8278	38	916	154	640	87
1937	31	6904	34	985	-	45	49
1938	32	7174	24	1091	-	208	119
10 Yr. Ave.	15	6909	59	972	237	346	392

10 Yr. Ave. Acres - Spring Wheat 34

*Included in "All Tame Hay".

Popcorn 3 Flaxseed 2

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 19
LAND UTILIZATION AND YIELDS

25

Victory Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	136	19839	146	6011	36	3160	31	211	17	167	22
1930	149	20539	138	6849	26	3347	31	231	22	132	24
1931	143	20439	143	7026	41	3622	36	203	20	115	34
1932	145	20331	140	6652	40	3451	27	167	11	103	17
1933	136	19914	146	6792	39	3352	12	152	12	101	6
1934	153	21541	141	5668	5	2707	6	276	4	58	3
1935	138	20355	148	5757	33	4056	31	161	8	92	23
1936	148	20774	140	6008	15	3605	29	187	21	85	21
1937	143	20711	145	6321	43	3654	45	264	23	115	28
1938	145	20446	143	5877	42	3372	33	229	18	34	23
10 Yr. Ave.	143	20489	143	6296	35	3437	28	208	16	100	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	2	142	-	115	2016
1930	-	-	-	-	-	-	-	151	1992
1931	-	-	-	-	-	-	-	247	1393
1932	-	-	-	-	20	20	-	172	1879
1933	-	-	-	-	-	33	-	220	1581
1934	17	3	-	-	-	-	-	230	1676
1935	64	15	48	12	42	-	9	227	1228
1936	49	19	24	17	78	10	-	472	1464
1937	64	14	36	10	67	10	-	478	1127
1938	15	18	-	-	19	26	18	507	1397
10 Yr. Ave.	21	15	11	12	23	24	3	282	1575

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	15	7396	58	725	-	78	-
1930	32	7074	67	738	12	65	-
1931	37	7049	37	853	40	64	-
1932	16	7061	-	875	47	60	-
1933	22	6780	15	748	-	-	371
1934	30	9059	26	896	-	66	1062
1935	31	8024	1	342	-	-	-
1936	46	7882	4	1019	152	10	101
1937	57	7798	10	919	-	-	319
1938	19	8210	58	1096	-	12	90
10 Yr. Ave.	28	7633	28	871	25	36	194

10 Yr. Ave. Acres - Spring Wheat 18

*Included in "All Tame Hay".

Flaxseed 0 Popcorn .1

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 20
LAND UTILIZATION AND YIELDS

Total Incorporated Town Data - Bagley, Bayard, Guthrie Center, Jamaica, Menlo,
Panora, Stuart, Yale

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	55	1123	20	387	40	96	36	-	-	-	-
1930	47	853	18	358	28	82	30	-	-	-	-
1931	50	1081	22	356	40	104	42	-	-	4	31
1932	75	1119	15	387	46	46	40	-	-	-	-
1933	60	1205	20	390	39	118	19	6	4	-	-
1934	58	1183	20	420	12	36	4	20	2	-	-
1935	54	1064	20	350	32	153	35	26	10	-	-
1936	54	1103	20	465	15	33	38	-	-	-	-
1937	59	1300	22	486	46	169	47	14	28	-	-
1938	67	1091	16	391	47	157	42	-	-	-	-
10 Yr. Ave.	58	1112	19	399	37	99	36	7	11	.4	31

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	5	-	-	3	74
1930	-	-	-	-	-	-	-	10	41
1931	-	-	-	-	-	-	-	33	74
1932	-	-	-	-	-	-	-	49	109
1933	-	-	-	-	-	-	-	67	100
1934	-	-	-	-	-	-	-	79	122
1935	-	-	-	-	-	-	-	63	132
1936	-	-	14	12	-	-	-	69	79
1937	10	40	13	6	-	-	-	69	89
1938	-	-	2	22	-	-	-	13	51
10 Yr. Ave.	1	40	3	10	.5	0	0	46	87

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	448	-	112	-	1	-
1930	-	234	-	132	-	6	-
1931	-	403	2	120	7	11	-
1932	-	428	2	136	2	9	-
1933	10	374	9	121	-	14	63
1934	-	280	3	132	-	6	164
1935	-	284	11	108	-	-	-
1936	-	351	1	147	-	-	13
1937	-	367	9	128	15	-	-
1938	-	335	10	145	-	-	-
10 Yr. Ave.	1	350	5	128	2	5	24

10 Yr. Ave. Acres - Spring Wheat 0

*Included in "All Tame Hay."

Popcorn .2 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 21
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	6268	2225	3073	89	—	17465
1880	22087	7122	7906	525	1937	43905
1890	47696	12050	14245	452	1097	60345
1900	49308	13709	14908	590	7044	68275
1910	51254	12358	16867	590	4834	61774
1920	47380	8238	15527	1077	15556	90562
1925	45754	10668	11732	1164	5728	84128
1930	41645	12463	11585	1002	14577	90097
1935	41064	15006	9212	800	11517	45205
1936	42613	14165	8605	804	13009	62975
1937	37913	13221	8510	738	13772	59317
1938	41298	12864	8144	681	13508	63455
1939	41721	13115	7707	644	13379	71874

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessor's figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 22 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessor's figures.

* Includes Milk Cows.

TABLE 22
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Baker	465	16	1901	653	2148	487	25	1821	721	2078
Bear Grove	376	42	2916	852	3856	378	42	2776	1751	3699
Beaver	568	23	2810	801	3683	466	20	2301	272	3189
Cass	871	62	3135	616	3509	827	58	2846	533	3663
Dodge	544	71	2232	356	2429	479	57	1742	133	1676
Grant	469	96	3435	153	5194	493	99	3237	584	4379
Highland	585	48	2445	492	3216	551	41	1998	456	3231
Jackson	340	22	1975	298	2654	300	7	2055	641	2174
Orange	538	52	2901	890	2891	512	48	2467	638	2692
Penn	190	23	812	325	945	196	20	775	304	386
Richland	526	24	2237	330	3656	530	24	2093	300	2994
Seely	522	56	2372	831	2791	542	65	2177	763	2636
Stuart	156	3	747	14	1018	151	6	759	76	999
Thompson	541	34	2927	426	3854	507	30	2647	431	2900
Union	362	35	2340	583	2859	390	32	2106	669	2963
Valley	431	19	1865	440	2065	420	20	1786	676	2051
Victory	486	32	2114	391	2233	491	17	1875	50	1974
ALL TOWNS	14	2	57	-	26	32	2	85	14	26
COUNTY	7984	660	39221	8451	49027	7752	613	35546	9012	44210

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Baker	492	21	1988	876	2076	460	21	1927	683	2714
Bear Grove	361	43	2850	1243	4221	322	31	2673	1759	4970
Beaver	481	15	2827	339	3061	428	9	2574	67	4006
Cass	632	59	2907	389	3577	606	49	2879	645	4485
Dodge	454	50	1988	163	1692	405	45	1985	347	3231
Grant	490	79	3322	469	4788	476	91	3253	336	5012
Highland	552	38	2283	521	3188	542	47	2254	409	3421
Jackson	385	15	2203	1215	2093	356	17	2049	681	2973
Orange	514	43	2520	504	2286	462	40	2369	782	3263
Penn	183	19	850	300	1062	184	18	831	317	1343
Richland	491	23	2387	336	3445	438	31	2602	404	4411
Seely	534	50	2421	799	3332	520	44	2504	985	3468
Stuart	163	5	592	42	1154	145	3	578	10	1124
Thompson	471	32	2637	679	2977	471	25	2636	520	3780
Union	386	30	2562	709	3158	370	25	2259	1043	3751
Valley	418	24	2065	624	2066	417	28	1909	397	2574
Victory	448	32	2148	149	1773	464	26	2189	208	2370
ALL TOWNS	31	-	98	27	192	47	-	189	25	327
COUNTY	7486	578	38648	9384	46141	7113	550	37660	9618	57223

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 21 for the magnitude of the bias.

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

TABLE 23
CREAMERY STATISTICS
1905-1938

Year	Number of Creameries in County	Butter Made	Butter Sold in Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	10	1016	81	934
1906	10	1324	61	*
1907	7	1052	56	*
1908	7	1027	53	*
1909	6	1141	67	*
1910	5	832	67	*
1911	5	919	68	*
1912	4	713	74	639
1913	5	724	102	623
1914	5	673	127	546
1915	5	578	142	436
1916	5	619	126	494
1917	4	355	87	268
1918	5	346	155	147
1919	3	208	147	71
1920	4	250	132	93
1921	4	352	245	104
1922	4	421	308	100
1923	4	434	271	164
1924	5	644	569	75
1925	6	721	585	128
1926	4	832	320	412
1927	4	936	363	574
1928	4	970	309	682
1929	4	979	260	732
1930	3	608	288	363
1931	2	521	330	244
1932	2	554	376	178
1933	3	909	465	443
1934	3	1003	660	343
1935	3	647	495	151
1936	3	847	781	64
1937	3	988	829	63
1938	3	1150	1110	40

The sum of the two columns "Butter Sold in Iowa" and "Butter Sold out of Iowa" is not intended to equal the second column, "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

*Not given in source.

TABLE 24
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	53,501	190,649
1885	118,620	239,436
1890	200,858	527,545
1895	143,707	489,624
1900	169,903	1,033,590
1905	217,515	674,302
1910	261,567	950,590
1915	291,432	1,195,348
1920	273,512	1,285,913
1925	268,296	1,115,843
1930	295,173	1,751,485
1935	233,377	1,284,655

Source: U. S. & Iowa State Census.

TABLE 25
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2337	2205	1881	123	19	174	6	0	5	0
1932	2326	2181	1802	79	14	205	11	0	21	7
1934	2344	2193	1218	177	27	92	22	0	55	0
1936	2342	2153	1787	181	20	105	144	$\frac{1}{1}$	106	0
1938	2278	2189	1880	296	36	87	98	$\frac{1}{1}$	183	2
Average	2325	2184	1714	171	23	133	56	0	74	2
Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	0	773	442	11	$\frac{1}{1}$	408	324	7	64	164
1932	14	537	544	69	121	392	310	27	126	159
1934	3	386	670	288	285	129	133	128	444	170
1936	3	835	844	396	183	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	181	165
1938	13	560	873	758	132	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	196	127
Average	7	618	675	304	180	310	256	54	202	157
Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Clover Red & Alsike	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Sp. Farrow
1930	187	97	1	2062	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1585
1932	183	96	7	2224	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1667
1934	22	13	4	2258	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1307
1936	138	21	6	2238	1886	274	2006	398	1723	1294
1938	121	101	38	2258	1842	298	2025	399	1740	1521
Average	130	66	11	2208	1864	286	2016	398	1732	1475
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	449	210	1878	996	189	4	222	274	9	5
1932	343	107	1608	537	376	51	114	447	17	20
1934	451	122	1867	741	317	32	78	225	1242	71
1936	609	92	1792	1091	555	36	43	620	262	210
1938	932	111	1858	1428	$\frac{1}{1}$	$\frac{1}{1}$	68	508	340	210
Average	557	128	1801	959	359	31	105	415	374	103

$\frac{1}{1}$ Not given in source .

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture

TABLE 26
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	826	36.1	116337	31.7	252	11.0	52484	14.3
1930	937	40.1	129302	35.2	207	8.9	45456	12.4
1932	817	35.2	110107	30.1	221	9.5	45664	12.5
1934	785	33.6	105147	28.6	228	9.7	47912	13.0
1936	789	33.7	106710	29.1	248	10.6	52290	14.2
1938	914	39.0	124102	33.8	211	9.0	47150	12.9
1928-38 Average	845	36.3	115284	31.4	228	9.8	48493	13.2

Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1208	52.9	197849	54.0	2286	100	366670	100
1930	1194	51.0	192553	52.4	2333	100	367311	100
1932	1286	55.3	209904	57.4	2324	100	365675	100
1934	1324	56.7	214902	58.4	2337	100	367961	100
1936	1302	55.7	208262	56.7	2339	100	367262	100
1938	1220	52.0	195478	53.3	2345	100	366730	100
1928-38 Average	1255	53.9	203158	55.4	2328	100	366935	100

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

TABLE 27
YEARS OF TENURE
January 1, 1935

Owners	Guthrie County		State of Iowa	
	Number of Farms	Per Cent of County Total	Number of Farms	Per Cent of State Total
On present farm less than 1 year	51	5.2	4442	5.2
1 year	54	5.5	3198	3.8
2 years	40	4.1	3282	3.8
3 years	37	3.8	2357	3.4
4 years	33	3.7	3223	3.8
5-9 years	137	14.1	11726	13.8
10-14 years	137	14.1	11279	13.2
15 years and over	482	49.5	45076	53.0
TOTALS	974	100.0	85088	100.0
Tenants				
On present farm less than 1 year	237	24.0	21763	20.1
1 year	163	13.6	15053	13.9
2 years	144	12.0	11555	10.7
3 years	94	7.9	8285	7.7
4 years	96	8.0	7564	7.0
5 years and over	412	34.5	43826	40.6
TOTALS	1196	100.0	108046	100.0

Source: U. S. Agricultural Census.

TABLE 28
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934		1936	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0-9	39	1.71	24	1.03	40	1.72	39	1.67	40	1.71
10-29	74	3.24	74	3.16	81	3.49	76	3.25	70	2.99
30-49	117	5.12	154	6.59	131	5.64	135	5.78	146	6.24
50-69	61	2.67	51	2.18	59	2.54	58	2.48	63	2.69
70-109	423	18.50	475	20.32	482	20.74	477	20.41	494	21.12
110-149	391	17.10	407	17.41	386	16.61	401	17.16	394	16.85
150-189	571	24.98	547	23.40	532	22.89	540	23.11	507	21.68
190-229	191	8.36	189	8.08	189	8.13	184	7.87	206	8.81
230-269	173	7.57	185	7.91	185	7.96	176	7.53	167	7.14
270-309	68	2.97	67	2.87	62	2.67	68	2.91	74	3.16
310-349	81	3.54	70	2.99	77	3.31	90	3.85	83	3.55
350-389	29	1.27	29	1.24	30	1.29	32	1.37	27	1.16
390-429	21	.92	20	.85	26	1.12	23	.98	26	1.11
430-469	11	.48	10	.43	10	.43	10	.43	12	.51
470-509	13	.57	15	.64	13	.56	7	.30	11	.47
510-549	7	.31	4	.17	6	.26	2	.09	4	.17
550-589	3	.13	4	.17	4	.17	5	.21	2	.09
590-629	3	.13	2	.09	3	.13	3	.13	5	.21
630-669	4	.17	3	.13	3	.13	4	.17	3	.13
670-709	1	.04	0	0	1	.04	2	.09	1	.04
710-over	5	.22	8	.34	4	.17	5	.21	4	.17
Total Farms	2286	100.00	2338	100.00	2324	100.00	2337	100.00	2339	100.00
									2345	100.00

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

TABLE 29
AUTOS, TRUCKS, TRACTORS, AND RADIOS
1926-39

Year	Automobiles	Trucks	Tractors	Radios
1926	2079	240	263	379
1927	2026	247	286	608
1928	2100	264	332	773
1929	2066	227	344	883
1930	2149	231	418	1053
1931	2118	219	445	1094
1932	2096	204	441	1117
1933	1991	115	359	672
1934	1953	124	431	684
1935	2007	122	459	743
1936	1983	93	565	917
1937	1949	99	661	1215
1938	1967	94	828	1404
1939	1966	94	977	1455

Source: Division of Agricultural Statistics.
Iowa Department of Agriculture.

TABLE 30
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Companies	Banks	Land & Mtg. Companies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corporate Owned
Baker	1705	785	-	720	1020	660	4970	24.55
Bear Grove	1200	-	-	360	640	40	2240	10.23
Beaver	1612	200	-	410	1069	-	3491	14.20
Cass	1905	160	-	160	510	50	2785	3.50
Dodge	1661	453	320	-	80	-	2494	11.39
Grant	1957	-	1480	80	640	160	4297	16.51
Highland	3413	190	160	-	920	160	4343	21.31
Jackson	1360	130	-	559	677	149	2875	14.34
Orange	2042	320	-	80	160	-	2602	11.63
Penn .	1307	390	-	-	375	-	2072	19.74
Richland	1160	320	370	-	286	-	2136	9.95
Seeley	1000	628	80	265	327	130	2480	10.19
Stuart	605	30	-	-	-	235	920	15.36
Thompson	1356	-	520	1145	360	-	3381	15.00
Union	5220	1020	-	880	330	240	5740	27.03
Valley	1360	280	-	1080	-	-	3220	16.09
Victory	1548	315	49	80	350	-	2342	11.45
Total	29671	5201	2979	5330	7794	1904	53383	14.78

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 31
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Com- panies	Banks	Land & Mtg. Com- panies	Fed. Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpor- ate Owned
Baker	1585	865	-	1015	1020	660	5145	25.13
Bear Grove	1650	-	-	240	680	40	2610	11.92
Beaver	2292	80	80	1013	1032	80	4577	18.61
Cass	2090	160	-	-	430	50	2730	8.33
Dodge	2141	435	160	-	-	-	2734	12.49
Grant	2056	-	1480	80	560	160	4336	16.66
Highland	3613	190	160	-	600	160	4723	20.73
Jackson	1745	130	-	805	1182	149	4011	20.01
Orange	2532	-	-	80	160	-	2822	12.62
Penn	1307	370	-	80	375	-	2132	20.31
Richland	810	320	160	-	286	-	1576	7.54
Seeley	1160	523	200	645	162	160	2915	11.93
Stuart	605	-	-	80	-	285	970	16.19
Thompson	2576	-	160	1062	440	-	4038	16.45
Union	3960	1180	-	880	240	-	6260	29.53
Valley	2040	400	-	1000	40	260	3740	18.69
Victory	1473	75	49	200	310	-	2107	10.30
Total	33485	4791	2449	7100	7517	2004	57426	15.30

Source: Department of Economics & Sociology.
Iowa State College.

TABLE 32
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	1,722	223,419	-	-	4,225,628	18.91	2,454
1890	2,248	325,793	-	-	7,415,380	22.76	3,299
1900	2,492	357,076	11,201,840	2,025,720	13,227,560	37.04	5,308
1910	2,330	354,200	29,774,932	4,184,895	33,959,827	95.88	14,575
1920	2,315	357,986	69,836,673	8,784,529	78,621,202	219.62	33,962
1925	2,166	327,064	35,647,443	8,127,041	43,774,484	133.84	20,210
1930	2,379	361,292	32,054,372	8,751,873	40,806,245	112.95	17,153
1935	2,524	370,053	-	-	22,696,923	61.33	8,992

Source: United States Census

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

TABLE 33
REAL PROPERTY AND MONIES AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total For County
General State Tax	\$ 6,587.71	\$38,753.73	\$45,341.44
Soldiers' Bonus Tax	2,101.88	6,928.16	9,030.04
General County Tax	9,820.00	57,768.40	67,588.40
Court Expense Tax	1,151.80	6,653.07	7,789.87
Poor Tax	4,959.93	29,177.91	34,137.84
Insane Tax, State Hospital	699.05	4,112.33	4,811.38
Insane Tax, County Hospital	699.05	4,112.33	4,811.38
County School Tax	325.55	4,356.48	5,682.03
Soldiers' Relief Tax	325.55	4,356.48	5,682.03
General County Bond Tax	2,379.43	16,938.86	19,318.29
Court House Tax	878.79	5,169.82	6,048.61
Emergency Tax	5,295.50	19,386.69	22,682.19
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	1,398.11	16,449.26	17,847.37
Secondary Roads - Maintenance	5,126.37	73,630.20	78,756.57
District School Tax	38,527.51	181,237.70	269,565.21
City Tax	44,649.27	-	44,649.27
Miscellaneous Taxes	1,236.33	5,428.97	6,665.30
Total	175,441.83	475,465.39	650,907.22*

*Includes special one mill tax on monies and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

TABLE 34
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	1	1	3
2. 1 room rural elementary	116	117	106
3. 2 or more-room rural elementary	2	4	4
4. Elementary, not rural	10	9	9
5. Separately organized Jr. High	1	1	-
6. Jr.-Sr. High, one organization	-	-	-
7. Separately organized Sr. High	1	-	-
8. Regular High, 4 years or less	8	9	9
9. Junior College	-	-	-
Total Number of Schools	139	141	131

TABLE 35
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	26	26	93
2. One room rural elementary	1985	1806	1435
3. Two or more-room rural elementary	68	101	109
4. Elementary, not rural	1489	1457	1532
5. *Jr.-Sr. High, 1 organization	191	76	-
6. Regular High, 4 years or less	866	1169	1247
7. Ungraded	-	3	-
Total Enrollment in all Schools	4625	4638	4416

*Includes enrollment for school Types 5, 6 and 7 in Table 34. Source:

Annual Report of County Superintendents to State Department of Public Instruction.

TABLE 36
MILES OF ROAD BY TYPE
January 1939

Type of Surface	Primary Roads Outside Corporation	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	14.1	4.50	663.50	682.10
Improved	-	1.50	44.00	45.50
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	40.5	127.50	157.00	325.00
Stone	-	-	-	-
Paved				
Bituminous	11.9	-	-	11.90
Concrete	41.7	-	-	41.70
Brick	-	-	-	-
County Total	108.2	133.50	864.50	1,106.20

Source: Annual Report, Iowa Highway
Commission, 1938.

